In the Claims:

1. (presently amended) A method of establishing rules ~~(14)~~ for a device ~~which is intended to be able to be~~ used for generating decision support for decisions which determine the ~~behaviour~~ behavior of an entity ~~(44)~~ and/or for controlling the ~~behaviour~~ behavior of an entity ~~(44)~~, which device comprises:

a supervising unit ~~(10)~~ arranged to handle a rule system for the ~~behaviour~~ behavior, wherein the supervising unit ~~(10)~~ comprises at least one storage member ~~(12)~~ in which a rule structure comprising a set of completely or partly ready-formulated rules ~~(14)~~ for the ~~behaviour~~ behavior is stored,

a user interface ~~(16)~~ comprising first means ~~(18)~~ for presenting information to a user of the device and second means ~~(20)~~ for inputting instructions to said supervising unit ~~(10)~~,

wherein the device is arranged such that said rule structure is such that a rule ~~(14)~~ comprises one or more premises ~~(22)~~ and one or more conclusions ~~(24)~~,

wherein the device is arranged such that the rule system is divided into a plurality of states ~~(30)~~ for different parts of said ~~behaviour~~ behavior, wherein each state ~~(30)~~ comprises one or more of said rules ~~(14)~~,

wherein the device is arranged to via said first means ~~(18)~~ present a decision support window which comprises at least one area ~~(56)~~ which represents one of said states ~~(30)~~, wherein this area ~~(56)~~ comprises names which identify different rules ~~(14)~~ which form part of the state ~~(30)~~,

wherein said method comprises the ~~following~~ steps of:

running ~~that~~ said device ~~is run~~ in a real or simulated version of said entity ~~(44)~~ ~~in~~ such ~~a manner~~ that the entity ~~(44)~~ goes through a ~~behaviour~~ behavior or a ~~behaviour~~ behavior scenario,

presenting ~~that~~ said decision support window ~~is presented~~ to a user,

allowing ~~that~~ the user ~~makes~~ to make decisions by, via said second means, ~~(20)~~ inputting instructions which mean that one or more conclusions ~~(24)~~ which form part of a certain rule ~~(14)~~, the name of which is currently shown in said area ~~(56)~~ in the decision support window, shall be executed,

analyzing ~~that~~ the decisions which have been made by the user ~~are analysed~~, and

determining or modifying ~~that~~ the rules ~~(14)~~ for which the user ~~have~~ has made decisions concerning that one or more conclusions ~~(24)~~ shall be executed out ~~are determined or modified~~ in accordance with the analysis that has been carried out.

2. (presently amended) A method according to claim 1, wherein the device is arranged such that said premises ~~(22)~~ shall be able to either be true or false and wherein said conclusions ~~(24)~~ are predetermined and pre-programmed, and wherein the device is arranged such that said rule structure is such that each premise ~~(22)~~ in the rule ~~(14)~~ can be assigned an indicator ~~(32)~~ which can indicate at least two different conditions, namely a first condition which means that the premise ~~(22)~~ shall be true and a second condition which means that the premise ~~(22)~~ shall be false, wherein at least one conclusion ~~(24)~~ is intended to be executed if all of said premises ~~(22)~~ ~~fulfil~~ fulfill the conditions set by the assigned indicators ~~(32)~~, and wherein said method is such

that said rules ~~(14)~~ which are determined or modified in accordance with the analysis which has been carried out are determined or modified in that the premises ~~(22)~~ for these rules ~~(14)~~ are determined or modified in accordance with the analysis which has been carried out.

3. (presently amended) A method according to claim 2, wherein said device is arranged such that said rule structure is such that each premise ~~(22)~~ in the rule ~~(14)~~ also can be assigned an indicator ~~(32)~~ which can indicate a third condition which means that it does not matter whether the premise ~~(22)~~ is true or false in order for said one or more conclusions ~~(24)~~ to be intended to be executed.

4. (presently amended) A method according to claim 2 ~~or 3~~, wherein said device is arranged such that said rules ~~(14)~~ are only partly ready-formulated such that at least a plurality of premises ~~(22)~~, which can be true or false, are defined for a plurality of said rules ~~(14)~~, but without these premises ~~(22)~~ yet have been assigned any of said indicators ~~(32)~~ which indicate some of said conditions, wherein when said device is run, it is registered whether said plurality of premises ~~(22)~~ are true or false at the occasions when the user makes said decisions which mean that one or more conclusions ~~(24)~~ which form part of a certain rule ~~(14)~~ shall be executed.

5. (presently amended) A method according to claim 4, ~~wherein~~ further comprising, after ~~that~~ said registration has been done at one or more runs, statistically processing the obtained registrations ~~are statistically processed~~, ~~whereafter~~ thereby establishing ready-formulated rules ~~(14) are established~~.

6. (presently amended) A method according to claim 1 ~~any of the claims 1-3~~, wherein said device is arranged such that said rules ~~(14)~~ comprise a plurality of premises ~~(22)~~ which comprise at least one parameter ~~(25)~~ which, when a value for this parameter ~~(25)~~ has been determined, causes the premise ~~(22)~~ to have a truth value such that the premise is true or false, wherein said rules ~~(14)~~ are only partly ready-formulated such that at least a plurality of premises ~~(22)~~ are defined without that a value of said parameter ~~(25)~~ has been determined, wherein when said device is run, the value of said parameters ~~(25)~~ are registered at the occasions when the user makes said decisions which mean that one or more conclusions ~~(24)~~ which form part of a certain rule ~~(14)~~ shall be executed.

7. (presently amended) A method according to claim 6, ~~wherein~~ further comprising, after ~~that~~ said registrations have been done at one or more runs, statistically processing the obtained registrations ~~are statistically processed~~, ~~whereafter~~ thereby establishing suitable values for the parameters ~~(25)~~ in the rules ~~(14) are established~~.

8. (presently amended) A method according to claim 2 ~~or 3~~, wherein said device is arranged such that at least a plurality of said rules ~~(14)~~ are ready-formulated in such a manner that at least a plurality of premises ~~(22)~~ are defined for the rules ~~(14)~~ such that the premises ~~(22)~~ have a truth value such that the premises (22) are true or false and such that these premises ~~(22)~~

have been assigned said indicators ~~(32)~~, wherein the device is arranged such that the user can make decisions which mean that one or more conclusions ~~(24)~~ which form part of a certain rule ~~(14)~~ shall be executed even if the ready-formulated rule ~~(14)~~ in question does not say that the conclusion or conclusions ~~(24)~~ shall be executed, wherein when said device is run, the user makes said decisions which mean that one or more conclusions ~~(24)~~ which form part of a certain rule ~~(14)~~ shall be executed, wherein registration takes place, at the occasions when the user makes said decisions, of whether the premises ~~(22)~~ were true or false.

9. (presently amended) A method according to claim 8, ~~wherein~~ further comprising making a comparison ~~is done~~ between said registrations at the run and said ready-formulated rules ~~(14)~~.

10. (presently amended) A method according to claim 9, ~~wherein~~ further comprising reformulating said ready-formulated rules ~~(14) are reformulated~~ on the basis of said comparison.

11. (presently amended) A method according to claim 2 ~~in combination with 0, 1, or more of the claims 3-10~~, wherein said device is arranged such that the rule structure is such that each conclusion ~~(24)~~ in a rule ~~(14)~~ is assigned an indicator ~~(32)~~ which can indicate two different cases, a first case which indicates that the conclusion ~~(24)~~ shall be executed or a second case which indicates that the conclusion ~~(24)~~ shall not be executed, wherein a conclusion ~~(24)~~ is meant to be executed if all of said premises ~~(22)~~ in the rule fulfil the conditions set by the assigned indicators ~~(32)~~ and the indicator of the conclusion ~~(24)~~ indicates ~~(32)~~ said first case.

12. (presently amended) A method according to claim 1 ~~any of the preceding claims~~, wherein said device is arranged such that the rule system is divided into a plurality of rule blocks

~~(31)~~, each of which comprises one or more rules ~~(14)~~, wherein each state ~~(30)~~ comprises one or more rule blocks ~~(31)~~, wherein the rules ~~(14)~~ within a certain rule block ~~(31)~~ concern a certain aspect of the behaviour within the state ~~(30)~~ in question and wherein the device is arranged such that said area ~~(56)~~ in the decision support window also comprises the name of one or more rule blocks ~~(31)~~ which form part of the state ~~(30)~~.

13. (presently amended) A method according to claim 1 ~~any of the preceding claims~~, wherein said device is arranged such that said name of a rule ~~(14)~~ which is shown in said area ~~(56)~~ in the decision support window is shown within a marked area, wherein the device is arranged such that the user inputs said instructions, which mean that one or more conclusions ~~(24)~~ which form part of a certain rule ~~(14)~~ shall be executed, by inputting a command when a marker is at or on said marked area.